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Amendment to the Claims:

This listing of the claims will replace all prior versions and listing of claims in the application:

Listing of Claims:

1. (Original) A method for adjusting catalyst holdup in a circulating fluid bed reactor, comprising:

flowing vapor feed and catalyst through a reaction zone of a circulating fluid bed reactor to convert the vapor feed to a vapor product;

contacting the vapor product and the catalyst with a separation means to separate the catalyst from the product; and

adjusting the position of the separation means to increase or decrease catalyst holdup within the reaction zone while maintaining a substantially constant catalyst circulation rate through the reaction zone.

- 2. (Original) The method of claim 1, wherein the catalyst circulation rate is maintained to within plus or minus 25% while the position of the separation means is adjusted.
- 3. (Original) The method of claim 2, wherein the catalyst circulation rate is maintained to within plus or minus 15% while the position of the separation means is adjusted.
 - (Original) The method of claim 3, wherein the catalyst circulation rate is maintained to within plus or minus 10% while the position of the separation means is adjusted.

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- 5. (Original) The method of claim 1, wherein the reaction zone is operated at a weight hourly space velocity of at least 1 hr⁻¹.
- 6. (Original) The method of claim 5, wherein the reaction zone is operated at a weight hourly space velocity of at least 2 hr⁻¹.
- 7. (Original) The method of claim 6, wherein the reaction zone is operated at a weight hourly space velocity of at least 10 hr⁻¹.
- 8. (Original) The method of claim 1, wherein the vapor feed and catalyst are initially contacted and flowed through the reaction zone at a catalyst to feed weight ratio of from 2:1 to 100:1.
- 9. (Original) The method of claim 1, wherein the flow of vapor through the reaction zone has a flow rate of 2-50 m/sec.
- 10. (Withdrawn) A circulating fluid bed reactor comprising:
 a reaction having an inlet and outlet; and
 a separation means apart from the reaction zone outlet for increasing or
 decreasing catalyst holdup within the reaction zone while maintaining substantially
- 11. (Withdrawn) The reactor of claim 10, wherein the separation means is an impingement plate, and the impingement plate is coupled to a means for increasing or decreasing distance between the impingement plate and an outlet of the reaction zone.
- 12. (Withdrawn) The reactor of claim 11, wherein the impingement plate is concave with respect to the outlet of the reaction zone.

constant catalyst circulation rate through the reaction zone.

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- 13. (Withdrawn) The reactor of claim 12, wherein the impingement plate is substantially flat.
- (Withdrawn) The reactor of claim 13, wherein the impingement plate is 14. substantially flat and has distended ends.
- (Withdrawn) The reactor of claim 14, wherein the impingement plate has 15. a conical contact section.
- 16. (Withdrawn) The reactor of claim 11, wherein the means for increasing or decreasing distance from the impingement plate and the outlet of the reaction zone is an actuator.
- 17. (Withdrawn) The reactor of claim 16, wherein the actuator and impingement plate are coupled together by a shaft.